

SEARCH REQUEST FORM Scientific and Technical Information Center - EIC2800

Rev. 1/26/2006 This is an experimental format -- Please give suggestions or comments to Jeff Harrison, JEF-4B68, 22511.

Date 11/13/06 Serial # 10/013,103 Priority Application Date 4/24/98

Your Name M. Lewis Examiner # 73172

AU 2822 Phone 292-1838 Room 5A30

In what format would you like your results? Paper is the default. PAPER DISK EMAIL

If submitting more than one search request form, please prioritize the searches in order of need.

Where have you searched so far on this case?

Circle: USPT DWPI EPO Abs JPO Abs IBM TDB

Other:

What relevant art have you found so far? Please attach citations or Information Disclosure Statements.

What types of references would you like? Please checkmark:

Primary Refs ☒ Nonpatent Literature ☐ Teaching Refs ☐
Secondary Refs ☐ Foreign Patents ☐ Other ☐

Is this a "Fast & Focused Search" request? (Circle One) YES NO

A "Fast & Focused Search" is completed in 2-3 hours (maximum). The search must be on a very specific topic and meet certain criteria. The criteria are posted in EIC2800 and on the STIC NPL Web Page at <http://uspto-a-patrr-2/siraapps/stic/npl/nplsearch.htm>

What is the topic, such as the novelty, motivation, utility, or other specific facets defining the desired focus of this search? Please include the concepts, synonyms, keywords, acronyms, registry numbers, definitions, structures, strategies, and anything else that helps to describe the topic. Please attach a copy of the abstract and pertinent claims.

Claims 17-22 & 27-31

Problem: see pages 2 & 3
Solution: 11 11 4

Passive film deposition for
improved interfacial adhesion

US 6,166,439

Staff Use Only

Searcher: M.M.m3

Searcher Phone: 25928

Searcher Location: STIC-EIC2800, JEF-4B68

Date Searcher Picked Up: 11/20/06

Date Completed: 11/20/06

Searcher Prep/Rev Time: 200

Online Time: 50

Type of Search

Structure (#) ☒

Bibliographic ☒

Litigation ☐

Fulltext ☐

Patent Family ☐

Other ☐

Vendors

STN ☒

Dialog ☐

Questel/Orbit ☐

Lexis-Nexis ☐

WWW/Internet ☐

Other ☐

NOV 14 REC'D

need before
11/18

11/20/2006 10/013103 Lewis

=> d his full;logoff hold

(FILE 'HOME' ENTERED AT 17:59:38 ON 20 NOV 2006)

FILE 'INSPEC' ENTERED AT 17:59:46 ON 20 NOV 2006

L1 0 SEA ABB=ON PLU=ON (SIN BIN(S)SION SS(S)SIO BIN)/CHI
L2 1 SEA ABB=ON PLU=ON (SIN BIN(S)SION SS(S)SIO2)/CHI
D IALL
L3 8 SEA ABB=ON PLU=ON (SI3N4 (S)SION SS(S)SIO2)/CHI
L4 8 SEA ABB=ON PLU=ON L3 NOT L2
L5 13331 SEA ABB=ON PLU=ON ?IMIDE?
L6 0 SEA ABB=ON PLU=ON L4 AND L5
D L4 IALL 1-8
L7 4730 SEA ABB=ON PLU=ON SIN/CHI
L8 2077 SEA ABB=ON PLU=ON SION/CHI
L9 81891 SEA ABB=ON PLU=ON SIO2/CHI
L10 9851 SEA ABB=ON PLU=ON SI3N4/CHI
L11 2 SEA ABB=ON PLU=ON (L7 OR L10) AND L8 AND L9 AND L5
D IALL 1-2
L12 483 SEA ABB=ON PLU=ON L5 AND PASSIV?
L13 4 SEA ABB=ON PLU=ON L12 AND (BOND PAD OR BOND PAD)
L14 4 SEA ABB=ON PLU=ON L13 NOT(L2 OR L4 OR L11)
D IALL 1-4

FILE 'DPCI' ENTERED AT 18:30:05 ON 20 NOV 2006

L15 1 SEA ABB=ON PLU=ON US6166439/PN
SEL PN.D PN.G

FILE 'WPIX' ENTERED AT 18:31:05 ON 20 NOV 2006

L16 17 SEA ABB=ON PLU=ON (EP1296365/PN OR EP1460685/PN OR US6365228/
PN OR US6396122/PN OR US6566757/PN OR US6716771/PN OR US6778572
/PN OR US6797633/PN OR US6806182/PN OR US6828581/PN OR
US6841463/PN OR US6893961/PN OR US6955979/PN OR US6974762/PN
OR US6977226/PN OR US7005390/PN OR US7071557/PN)
D IALL 1-17

FILE 'CAPLUS' ENTERED AT 18:34:24 ON 20 NOV 2006

L17 15 SEA ABB=ON PLU=ON (EP1296365/PN OR EP1460685/PN OR US6365228/
PN OR US6396122/PN OR US6566757/PN OR US6716771/PN OR US6778572
/PN OR US6797633/PN OR US6806182/PN OR US6828581/PN OR
US6841463/PN OR US6893961/PN OR US6955979/PN OR US6974762/PN
OR US6977226/PN OR US7005390/PN OR US7071557/PN)
D IBIB ABS 1-17

FILE 'REGISTRY' ENTERED AT 18:37:04 ON 20 NOV 2006

L18 56306 SEA ABB=ON PLU=ON POLYIMIDE/PCT
L19 390 SEA ABB=ON PLU=ON N.SI/MF
L20 844 SEA ABB=ON PLU=ON N SI/ELF
L21 441 SEA ABB=ON PLU=ON N.O.SI/MF
L22 463 SEA ABB=ON PLU=ON N O SI/ELF
L23 433 SEA ABB=ON PLU=ON O.SI/MF
L24 23418 SEA ABB=ON PLU=ON O SI/ELF

FILE 'CAPLUS' ENTERED AT 18:38:42 ON 20 NOV 2006

L25 37799 SEA ABB=ON PLU=ON L18
L26 84075 SEA ABB=ON PLU=ON L19 OR L20
L27 10872 SEA ABB=ON PLU=ON L21 OR L22
L28 547205 SEA ABB=ON PLU=ON L23 OR L24

EIC 2800 MARY S. MIMS 272-5928

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L29	13	SEA	ABB=ON	PLU=ON	L25 AND L26 AND L27 AND L28
L30	13	SEA	ABB=ON	PLU=ON	L29 NOT L17
L31	4	SEA	ABB=ON	PLU=ON	L30 AND PASSIV?
					D IBIB ABS HITSTR 1-4
L32	9	SEA	ABB=ON	PLU=ON	L29 NOT L31
					D IBIB ABS HITSTR 1-9